METHOD FOR AUTOMATED GENERATION OF INTERACTIVE ENHANCED ELECTRONIC NEWSPAPER

Abstract of the Disclosure

For each newspaper page represented in the PostScript data, the PostScript data are parsed to extract therefrom text data, text position data, font information data, image position data and, preferably, a bitmap of the page. Furthermore, each occurrence of a "page refer," a URL or an electronic mail address on the page as described by the PostScript data is identified and the location of same on the page is extracted. Also, the PostScript data are processed to identify the story locations and image/advertisement locations on the page. Finally, the PostScript data are processed to identify bookmark data thereon. All extracted information concerning the page is stored in a current page information database. The current page information database for each page of the newspaper is thereafter used together with a predefined page type information database that includes default data that varies depending upon the particular type of newspaper page to be represented. From these two databases, a PDFMark preprocess PostScript file is derived for use by an Acrobat Distiller program to develop a PDF template or layout for the page. Thereafter, the Acrobat Distiller program processes the PostScript input file for the page based upon the PDFMark PostScript file to derive a PDF file of the newspaper page that represents the page in PDF format and wherein all URL's, refers, keywords, and other features of the PDF file are active and can be selected by an end-user using a mouse or like means.